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Dec 9, 1994

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TITLE: New vitamin D cpds. - useful in treatment of, e.g.,  
cancer, diabetes, psoriasis or transplant rejection

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## PATENT-FAMILY:

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CA 2097997 A	December 9, 1994	N/A	038	C07C401/00
JP 07017947 A	January 20, 1995	N/A	026	C07C401/00

INT-CL (IPC): A61K 7/48; A61K 31/59; A61K 49/00; C07C 49/513;  
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## BASIC-ABSTRACT:

Vitamin D cpds. of formula (I) are new: R1 = H or OH; R2 = 1-3C  
alkyl, hydroxy(1-3C)alkyl, 1-2C alkoxyethyl, 2-3C alkenyl or  
2-3C alkynyl; R3 = an opt. branched, opt. unsatd., aliphatic  
3-5 membered hydrocarbon or oxahydrocarbon biradical, contg. at  
least 3 atoms in the main chain and being opt. substd. by one  
or more epoxy, fluoro and/or OH gp.; R4 = H or Me; or A + B =  
CH2.

(I) are useful in treatment of diabetes, inflammatory diseases,  
osteoporosis, renal osteodystrophy, osteomalacia, skin  
disorders (e.g. psoriasis, eczema, dermatitis, etc.), myopathy,  
leukaemia, breast and colon cancer, osteosarcomas, squamous  
cell carcinomas, melanoma, transplant rejections and  
immunological disorders. They may also be used for wound  
healing and may be incorporated in cosmetic compsns. for  
protection of skin. (I) may also be used for diagnostic  
purposes. Admin. is oral, topical or parenteral.